



1F 2681 \$
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of)

Hsu et al.)

Serial No. 09/865,166)

Filed: May 24, 2001)

For: METHOD AND APPARATUS FOR
DIFFERENTIATING POINT TO
POINT PROTOCOL SESSION
TERMINATION POINTS

) Examiner: Not yet known

) Group No. 2681

REQUEST TO CORRECT INVENTORSHIP PURSUANT (37 CFR § 1.48(a))

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

This is a request to correct the inventorship adding the following previously unnamed person as inventor:

(1) Marcello Liroy.

CERTIFICATE OF MAILING/TRANSMISSION (37 CFR 1.8(a))

I hereby certify that this correspondence is, on the date shown below, being:

MAILING

☒ deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Depositor's Name: Stacy Dumrauf
(type or print name)

Date: July 26, 2005

Signature: Stacy Dumrauf

FACSIMILE

☐ transmitted by facsimile to the Patent and Trademark Office.

Depositor's Name: _____
(type or print name)

Date: _____

Signature: _____

08/01/2005 AKELECH1 00000022 170026 09865166
01 FC:1464 130.00 DA

Attached is:

- (a) A statement of lack of deceptive intention by the named inventors establishing that the error occurred without deceptive intention;
- (b) A declaration by each of the actual inventors as required by 37 CFR 1.63; and
- (c) Written assent of the assignee.
- (d) Copy of Assignment filed concurrently herewith.

Please charge Deposit Account No. 17-0026 of QUALCOMM Incorporated in the amount of **\$130.00** to pay the necessary fee due under 37 CFR § 1.17(h) so as correct the inventorship. The Commissioner is hereby further authorized to charge payment of any additional fees which may be required, or credit any overpayment, to Deposit Account No. 17-0026.

Respectfully submitted,

Dated: July 26, 2005

By: 

George J. Oehling, Reg. No. 40,471
(858) 658-1761

QUALCOMM Incorporated
Attn: Patent Department
5775 Morehouse Drive
San Diego, California 92121-1714
Telephone: (858) 658-5787
Facsimile: (858) 658-2502



PATENT

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In Re Application of)	
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Hsu et al.)	For: METHOD AND APPARATUS FOR
)	DIFFERENTIATING POINT TO
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)	TERMINATION POINTS
Serial No. 09/865,166)	Examiner: Not yet known
)	
Filed: May 24, 2001)	Group No. 2681

STATEMENT BY INVENTOR UNDER 37 CFR 1.48

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

I, Marcello Lioy, as an undersigned inventor in the above captioned case hereby state and affirm that I should have been named as co-inventor at the time of filing the above-captioned matter and that I was omitted as an inventor without any deceptive intention on my part:

This statement is submitted in support of the Request to Correct Inventorship Pursuant to 37 CFR § 1.48(a), filed herewith.

Dated: 7/15/05

Marcello Lioy
Marcello Lioy

**COMBINED DECLARATION / POWER OF ATTORNEY**

AS BELOW NAMED INVENTOR, I HEREBY DECLARE THAT: This Declaration is of the following type:

- ☐ Original ☒ Supplemental ☐ Continuation-In-Part ☐ Divisional
☐ Continuation ☐ National Stage of PCT

My residence, post office address and citizenship are as stated below next to my name: I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention METHOD AND APPARATUS FOR DIFFERENTIATING POINT TO POINT PROTOCOL SESSION TERMINATION POINTS the specification of which:

- ☐ is attached hereto.
☒ was filed on May 24, 2001 as Serial No. 09/865,166.
☐ was amended on (if applicable).
☐ was described and claimed in PCT International Application No. filed on and as amended under PCT Article 19 on

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Sec. 1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, Sec. 119 of any foreign application(s) for patent or inventor's certificate or of any PCT International application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT International application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

				Priority Claimed
(Country)	(Application No.)	(Day/Month/Year/Filed)	(Yes)	(No)

I hereby claim the benefit under Title 35 USC 119(e) of any United States provisional application(s) listed below:

(Serial No.)	(Filing Date)

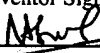
I hereby claim the benefit under Title 35 USC 120 of the United States application(s) listed below, and insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35 USC 112, I acknowledge the duty to disclose material information as defined in Title 37 CFR 1.56(a) which occurred between the filing date of the prior application and the national or PCT International filing date of this application:

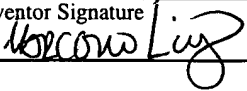
(Serial No.)	(Filing Date)	(Status)

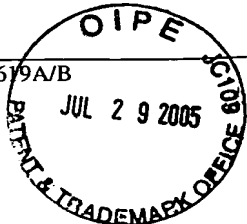
I hereby appoint the attorneys and/or agents associated with Customer No. 23696 to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected therewith. Please direct all telephone calls to Philip R. Wadsworth at (858) 651-4404 and address all correspondence to: QUALCOMM Incorporated, Patent Department, 5775 Morehouse Drive, San Diego, California 92121-1714.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of First or Joint Inventor Raymond T. Hsu	Inventor Signature 	Date 7/12/2005
Residence 17775 Pennacook Ct, San Diego, California 92127	Citizenship United States	
Post Office Address 17775 Pennacook Ct, San Diego, California 92127		

Full Name of Second or Joint Inventor Nischal Abrol	Inventor Signature 	Date 07/14/05
Residence 12535 Carmel Canyon Road, San Diego, California 92130		Citizenship India
Post Office Address 12535 Carmel Canyon Road, San Diego, California 92130		
Full Name of Third or Joint Inventor Marcello Lioy	Inventor Signature	Date
Residence 11629 Miro Circle, San Diego, California 92131		Citizenship Canada
Post Office Address 11629 Miro Circle, San Diego, California 92131		

Full Name of Second or Joint Inventor Nischal Abrol	Inventor Signature	Date
Residence 12535 Carmel Canyon Road, San Diego, California 92130		Citizenship India
Post Office Address 12535 Carmel Canyon Road, San Diego, California 92130		
Full Name of Third or Joint Inventor Marcello Lioy	Inventor Signature 	Date 7/15/05
Residence 11629 Miro Circle, San Diego, California 92131		Citizenship Canada
Post Office Address 11629 Miro Circle, San Diego, California 92131		



RECORDATION FORM COVER SHEET PATENTS ONLY

Attorney Docket No.: 010115

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

Submission Type

- ☐ New
☐ Resubmission (Non-Recordation)
 Document ID No.
☐ Correction of PTO Error
 Reel No. Frame No.
☒ Corrective Document
 Reel No. 012162 Frame No. 0909

Conveyance Type

- ☒ Assignment
☐ Change of Name
☐ License
☐ Merger
☐ Security Agreement
☐ Other: _____

COPY

Conveying Party(ies)

NAME

1. Raymond T. Hsu
2. Nischal Abrol
3. Marcello Lioy
- 4.

☐ Mark if additional names are attached**EXECUTION DATE**

Month, Day, Year (MMDDYYYY)

07122005

07142005

07072005

Receiving Party☐ Mark if additional names are attached

Name: QUALCOMM Incorporated
 A Delaware Corporation

Address (Street number and name): 5775 Morehouse Drive**Address (City, State, Zip Code):** San Diego, California, 92121-1714**Correspondent Name and Address**

Name: QUALCOMM Incorporated
 Attn: Patent Department

Address: 5775 Morehouse Drive**Address:** San Diego, California 92121-1714**Telephone Number:** (858) 658-5787**Facsimile:** (858) 658-2502**Pages** (Enter the total number of pages of the attached conveyance document including any attachments)**Total number of pages:** 4**Application Number(s) or Patent Number(s)****If this document is being filed together with a new application, the execution date of the application is:** _____**Patent Application Number(s):**

1. 09/865,166
- 2.
- 3.
- 4.

Patent Number(s):

- 1.
- 2.
- 3.
- 4.

Patent Cooperation Treaty (PCT)(Enter only if a U.S. Application Number has not been assigned)

1. PCT/
2. PCT/

3. PCT/
4. PCT/

Number of Properties (Enter the total number of properties involved)**Total number of properties:** 1**Fee Amount****Fee Amount for Properties Listed (37 CFR 3.41):** \$40.00Method of Payment: ☐ Enclosed ☒ Deposit Account

(Enter for payment by deposit account or if additional fees can be charged to the account. A duplicate of this sheet is enclosed for fee processing)

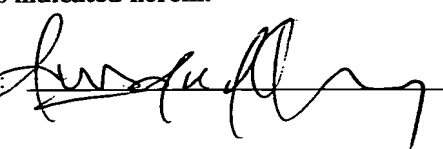
Deposit Account Number: 17-0026

Authorization to charge additional fees: ☒ Yes ☐ No**Statement and Signature**

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

Date: July 26, 2005

Name: George J. Oehling, Reg. No. 40,471
 (858) 658-1761

Signature: 

FOR OFFICE USE ONLY

ASSIGNMENT

TO WHOM IT MAY CONCERN:

For the sum of One Dollar and other valuable consideration to us in hand paid, receipt of which is hereby acknowledged, be it known that we **Raymond T. Hsu**, a citizen of the United States of America having a place of residence at 17775 Pennacook Ct., San Diego, California 92127, **Nischal Abrol**, a citizen of India having a place of residence at 12535 Carmel Canyon Road, San Diego, California 92130, and **Marcello Lioy**, a citizen of Canada having a place of residence at 11629 Miro Circle, San Diego, California 92131; have sold, assigned and transferred and by these presents do sell, assign, transfer and set over unto **QUALCOMM Incorporated**, a Delaware corporation, having a place of business at 5775 Morehouse Drive, San Diego, California 92121-1714, its successors, legal representatives, or assigns, the whole right, title and interest in and to a certain invention relating to:

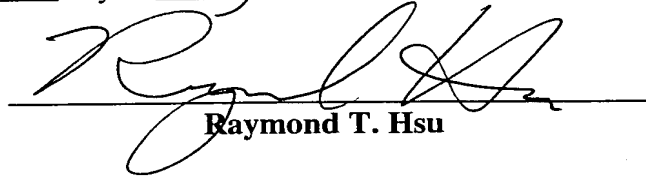
METHOD AND APPARATUS FOR DIFFERENTIATING POINT TO POINT

PROTOCOL SESSION TERMINATION POINTS

by us devised and the application for United States Patent therefor filed in the United States Patent and Trademark Office on **May 24, 2001**, and assigned Serial No. **09/865,166**, including, without limitation, all provisional patent applications, and all original and reissue patents granted thereof, and all divisions, and continuations thereof, including the subject matter of any and all claims which may be obtained in every such patent, and all foreign rights to said invention, and covenant that we have full right to do so, and agree that we will communicate to said corporation or its representatives all facts known to us respecting said invention, whenever requested, and testify in any legal proceedings, sign all lawful papers, make all rightful oaths and generally do everything possible to aid said corporation, its successors, assigns and nominees, to obtain and enforce proper patent protection for said invention in all countries.

The Commissioner of Patents and Trademarks is requested to issue the Letters Patent which may be granted for said invention or any part thereof unto said corporation in keeping with this Assignment.

Done at San Diego, California this 12 day of July, 2005.



Raymond T. Hsu

Done at San Diego, California this _____ day of _____, 2005.

Nischal Abrol

Done at San Diego, California this _____ day of _____, 2005.

Marcello Lioy

The Commissioner of Patents and Trademarks is requested to issue the Letters Patent which may be granted for said invention or any part thereof unto said corporation in keeping with this Assignment.

Done at San Diego, California this _____ day of _____, 2005.

Raymond T. Hsu

Done at San Diego, California this 14 day of July, 2005.



Nischal Abrol

Done at San Diego, California this _____ day of _____, 2005.

Marcello Lioy

The Commissioner of Patents and Trademarks is requested to issue the Letters Patent which may be granted for said invention or any part thereof unto said corporation in keeping with this Assignment.

Done at San Diego, California this _____ day of _____, 2005.

Raymond T. Hsu

Done at San Diego, California this _____ day of _____, 2005.

Nischal Abrol

Done at San Diego, California this 7 day of July, 2005.



Marcello Lioy